

Dialog Response

File 155:MEDLINE(R) 1950-2007/Aug 28
(c) format only 2007 Dialog
File 5:Biosis Previews(R) 1926-2007/Aug W4
(c) 2007 The Thomson Corporation
File 73:EMBASE 1974-2007/Aug 29
(c) 2007 Elsevier B.V.
File 34:SciSearch(R) Cited Ref Sci 1990-2007/Aug W4
(c) 2007 The Thomson Corp
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

© 2007 Dialog, a Thomson business

Display Sets

Search History

Database Details

Set	Term Searched	Items	
S1	(NFKB OR NUCLEAR(W)FACTOR(W)KAPPA(W)B OR NF(W)KAPPA(W)B) AND (INHIBITOR? OR BLOCK? OR ANTAGONIS?)	45958	Display
S2	(NFKB OR NUCLEAR(W)FACTOR(W)KAPPA(W)B OR NF(W)KAPPA(W)B) (W) (INHIBITOR? OR BLOCK? OR ANTAGONIS?)	5401	Display
S3	MASTITIS	31350	Display
S4	BOVINE OR SWINE OR BUFFALO OR GOAT	1027362	Display
S5	RUMINANT	20008	Display
S6	(S3 AND S5)	148	Display
S7	S3 AND S4	13570	Display
S8	ANTIBIOTIC	537661	Display
S9	(S1 AND S7) OR (S2 AND S7)	7	Display
S10	(S1 AND S7) OR (S2 AND S7) OR (S1 AND S6) OR (S2 AND S6)	7	Display
S11	S7 AND ANTIINFLAMMATORY	65	Display
S12	15D(T)PGJ2	0	Display
S13	CYCLOEPOXYDON	20	Display
S14	(GLIOTOXIN OR SODIUM(W) DIETHYLDITHIOCARBAMATE OR TEPOXALIN OR BORTEZOMIB OR MG132 OR BAY117082 OR BAY117805 OR 15DPGJ2)	12407	Display
S15	(S7 OR S6) AND S14	5	Display
S16	(S7 OR S6) AND (S14 OR S13)	5	Display
S17	S16 AND S8	0	Display
S18	S10 AND S8	0	Display
S19	11 AND S8	30387	Display
S20	S11 AND S8	9	Display
S21	(S20 OR S16 OR S10) NOT PY>2001	3	Display

Format

Free


 Number of
Records
10

S22	RD (unique items)	3	Display
S23	Sort S22/ALL/PY	3	Display

Show Database Details for:

155: MEDLINE® (1950-present)

Fields

Formats

Sorts

Limits

Tags

Bluesheet

Rates

© 2007 Dialog, a Thomson business

23/9/1 (Item 1 from file: 155)

06905752 PMID: 3909626

[Therapeutic aspects of coli mastitis in ruminants]

Niakoi terapevtichni aspekti pri koli-mastitite u prezhiivnite.

Verheijden J H; van Miert A S

Veterinarno-medititsinski nauki (BULGARIA) 1985 , 22 (7) p40-7 , ISSN: 0324-1068--Print Journal Code: 0414760

Publishing Model Print

Document type: Comparative Study; English Abstract; Journal Article

Languages: BULGARIAN

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: INDEX MEDICUS; Toxbib

Cows with coliform mastitis showed, in addition to fever, tachycardia and ruminal stasis and a concatenation of nonspecific responses, such as neutrophilic leukopenia followed by leukocytosis, lymphopenia, hypocalcaemia, hypoferraemia, hypozincaemia, and hypercupremia, and changes in the concentration of certain serum proteins. Similar responses occurred in cows and goats when mastitis was induced by an *E. coli* endotoxin or following the i/v injection of such endotoxin. Research suggested that in cows with clinical mastitis the symptoms of a generalized disease were predominantly the result of the release of phagocyte endogenous proteins at the site of inflammation in the mammary gland. Another inflammatory protein was the leukocytic endothelial mediator which changed the plasma concentrations of trace elements. Local treatment with the rather toxic antibiotic, polymyxin B, blocked the effect of the endotoxin administered via the udder on plasma Zn and Fe values.

Therefore, local treatment with this drug seemed to be indicated with cows having *E. coli* mastitis. Based on pharmacokinetic behaviour parenteral treatment of such cows with trimethoprim or chloramphenicol appeared to be interest. Furthermore flubopropfen, a nonsteroid antiinflammatory agent was shown to possess a beneficial effect in cows with experimental *E. coli* mastitis.

Tags: Female

Descriptors: *Escherichia coli Infections--veterinary--VE; *Goats; *Mastitis--veterinary --VE; *Mastitis, Bovine--drug therapy--DT ; Animals; Cattle; Chloramphenicol--therapeutic use--TU; Drug Evaluation, Preclinical--veterinary--VE; Escherichia coli Infections--diagnosis--DI; Escherichia coli Infections--drug therapy--DT; Flurbiprofen--therapeutic use--TU; Mastitis--diagnosis--

DI; Mastitis--drug therapy--DT; Mastitis, Bovine--blood--BL; Mastitis, Bovine--diagnosis--DI; Polymyxin B --therapeutic use--TU; Trimethoprim--therapeutic use--TU
CAS Registry No.: 1404-26-8 (Polymyxin B); 5104-49-4 (Flurbiprofen); 56-75-7 (Chloramphenicol); 738-70-5 (Trimethoprim)
Record Date Created: 19860124
Record Date Completed: 19860124

MEDLINE(R) (Dialog® File 155): (c) format only 2007 Dialog. All rights reserved.

23/9/2 (Item 2 from file: 155)
08161400 PMID: 2474066

Isolation of a mycotoxin (gliotoxin) from a bovine udder infected with *Aspergillus fumigatus*.

Bauer J; Gareis M; Bott A; Gedek B
Institute for Medical Microbiology, Infectious and Epidemic Diseases, Veterinary Faculty, University of Munich, F.R.G.
Journal of medical and veterinary mycology - bi-monthly publication of the International Society for Human and Animal Mycology (ENGLAND) 1989 , 27 (1) p45-50 , ISSN: 0268-1218--Print Journal Code: 8605493
Publishing Model Print

Document type: Case Reports; Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: INDEX MEDICUS; Toxbib

A bovine udder infected with *Aspergillus fumigatus* was analysed by physico-chemical methods (thin layer chromatography, high performance liquid chromatography and direct exposure probe-mass spectrometry) for the presence of mycotoxins. Gliotoxin, a fungal metabolite with cytotoxic and immunosuppressive properties was isolated for the first time from naturally infected tissue. The gliotoxin concentration analysed (9.2 mg kg-1 udder) was approximately 100 times higher than the concentration known to produce morphological changes of cells. Gliotoxin may play an important role in the establishment and development of an infection with *A. fumigatus*.

Tags: Female

Descriptors: *Aspergillosis--veterinary--VE; **Aspergillus fumigatus*--metabolism--ME; *Gliotoxin--isolation and purification--IP;

*Mammary Glands, Animal --analysis--AN; *Mastitis, Bovine--microbiology--MI; *Mycotoxins--isolation and purification--IP ;
Animals; Aspergillosis--microbiology--MI; Cattle; Chromatography, High Pressure Liquid; Chromatography, Thin Layer;
Gliotoxin--biosynthesis--BI; Mammary Glands, Animal--microbiology--MI; Mass Spectrometry; Molecular Structure
CAS Registry No.: 0 (Mycotoxins); 67-99-2 (Gliotoxin)
Record Date Created: 19890905
Record Date Completed: 19890905

MEDLINE(R) (Dialog® File 155): (c) format only 2007 Dialog. All rights reserved.

© 2007 Dialog, a Thomson business

Dialog Response

```
31aug07 10:05:07 User292859 Session C5.4
  $7.44    2.188 DialUnits File155
    $0.00  10 Type(s) in Format  8
    $0.44   2 Type(s) in Format  9
    $0.10   2 Type(s) in Format 95 (KWIC)
    $0.54  14 Types
$7.98 Estimated cost File155
  $14.07    2.345 DialUnits File5
    $0.00  29 Type(s) in Format  6
    $0.18   1 Type(s) in Format 95 (KWIC)
    $0.18  30 Types
$14.25 Estimated cost File5
  $22.52    1.892 DialUnits File73
    $0.00   1 Type(s) in Format  6
    $0.39   1 Type(s) in Format 95 (KWIC)
    $0.39   2 Types
$22.91 Estimated cost File73
  $59.83    2.405 DialUnits File34
    $0.00   5 Type(s) in Format  8
    $7.23   1 Type(s) in Format  9
    $0.43   1 Type(s) in Format 95 (KWIC)
    $7.66   7 Types
$67.49 Estimated cost File34
  $6.80    0.273 DialUnits File434
$6.80 Estimated cost File434
      OneSearch, 5 files,  9.103 DialUnits FileOS
$14.66 INTERNET
$134.09 Estimated cost this search
$135.78 Estimated total session cost   9.744 DialUnits
```

© 2007 Dialog, a Thomson business



A service of the National Library of Medicine
and the National Institutes of Health

My NCBI
Welcome USrt

All Databases

PubMed

Nucleotide

Protein

Genome

Structure

OMIM

PMC

Search PubMed

for IL-10 AND (#34)

Preview

Go

Cle

Limits Preview/Index **History** Clipboard Details

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorials

New/Noteworthy E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation

Matcher

Batch Citation

Matcher

Clinical Queries

Special Queries

LinkOut

My NCBI

Related Resources

Order Documents

NLM Mobile

NLM Catalog

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

- Search History will be lost after eight hours of inactivity.
- Search numbers may not be continuous; all searches are represented.
- To save search indefinitely, click query # and select Save in My NCBI.
- To combine searches use #search, e.g., #2 AND #3 or click query # for more options.

Search	Most Recent Queries	Time	Result
#37	Search IL-10 AND (#34)	08:33:25	9
#36	Search ((arsenic OR thalidomide OR "cyclosporin A" OR "herbimicin A") AND (#34))	08:32:19	0
#35	Search (arsenic OR thalidomide OR "cyclosporin A" OR "herbimicin A")	08:31:36	28469
#34	Search (#5) AND (#7)	08:29:54	6191
#33	Select 6 document(s)	08:28:27	6
#15	Search (#14) AND (#4)	08:16:26	236
#32	Search (((#5) AND (#7)) AND relB	08:15:35	0
#31	Search (((#5) AND (#7)) AND IkB	08:15:23	0
#30	Search (((#5) AND (#7)) AND (#17)	08:15:01	0
#29	Search ((#5) AND (#7)) AND treatment	08:13:37	2249
#28	Search (((#5) AND (#7)) AND treatment) NOT antibiotic	08:13:06	1434
#24	Search (((#5) AND (#8)) AND treatment) NOT antibiotic	08:09:55	106
#23	Search ((#5) AND (#8)) AND treatment	08:06:44	171
#13	Search (#5) AND (#8)	08:06:15	700
#18	Search (#17) NOT (#4)	07:58:20	78
#17	Search NF-kB AND (#3)	07:56:21	6785
#16	Search NF-kB	07:56:00	21206
#14	Search antibiotic	07:53:43	449633
#12	Search (#4) AND (#7)	07:52:54	0

#11 Search (#6) AND (#7)	07:52:30	0
#10 Search (#6) AND (#8)	07:52:15	0
#9 Search (#6) AND (#8) Field: MeSH Terms	07:52:05	0
#8 Search mastitis Field: MeSH Terms	07:51:17	2898
#7 Search mastitis	07:51:03	8964
#6 Search (#4) AND (#5)	07:50:48	200
#5 Search ruminant or bovine or swine or goat	07:50:33	517656
#4 Search (#1) AND (#3)	07:49:41	6707
#3 Search (Antagonist OR Inhibitor OR Decoy OR blocker)	07:49:17	454131
#1 Search NF-kB Field: MeSH Terms	07:45:30	20790

[Clear History](#)[Write to the Help Desk](#)[NCBI](#) | [NLM](#) | [NIH](#)[Department of Health & Human Services](#)[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)